

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	("20020152234").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/23 17:01
S3	1	power\$point with OCR	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 14:43
S4	9	power\$point SAME OCR	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:03
S8	14	power\$point and OCR and audio and playback and markup	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:04
S7	0	power\$point SAME OCR same audio same playback same markup	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:04
S6	7524	power\$point SAME OCR asme audio same playback same markup	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:04
S10	0	tag same ATL same audio same text same mark\$up	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:40
S11	1	tag same ALT same audio same text same mark\$up	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:42
S9	14	S8 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:42
S15	34	S14 and (playback and (text with audio))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 16:43
S16	0	((tag with ALT) same audio same text same mark\$up and raster\$8 and image\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:16

*for* 5/28/07

## EAST Search History

S12	0	((tag with ALT) same audio same text same mark\$up)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:16
S19	15	S18 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:17
S18	17	tag and ALT and audio and text and mark\$up and raster and image	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:17
S17	0	((tag with ALT) same audio same text same mark\$up and (raster and image\$1))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:17
S13	354	tag and ALT and audio and text and mark\$up	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/24 17:17
S1	2	("20050091579").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/25 07:44
S20	0	(power\$point SAME OCR SAME (markup NEAR2 language))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:48
S5	3	S4 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:49
S22	7	S21 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:57
S21	33	(power\$point and OCR and (markup NEAR2 language) and raster)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:57
S25	1	(OCR SAME (markup NEAR2 language) SAME raster)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:58
S23	123	(OCR and (markup NEAR2 language) and raster)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 07:58

## EAST Search History

S26	64	S24 and (scan\$3)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 08:09
S24	72	S23 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/25 08:09
L1	1198	(715/500.1).CCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/28 20:32
S14	288	S13 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/28 20:33
L2	985	L1 and (@ad<"20031015" or @rlad<"20031015")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/28 20:33



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

OCR data extraction



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used OCR data extraction

Found 38,722 of 201,798

Sort results by

relevance

[Save results to a Binder](#)[Try an Advanced Search](#)

Display results

expanded form

[Search Tips](#)[Try this search in The ACM Guide](#)
☐ [Open results in a new window](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

- 1 Automatic metadata creation: Bibliographic attribute extraction from erroneous references based on a statistical model  
Atsuhiro Takasu  
May 2003 **Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital libraries JCDL '03**  
Publisher: IEEE Computer Society

 Full text available: pdf(345.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper, we propose a method for extracting bibliographic attributes from reference strings captured using Optical Character Recognition (OCR) and an extended hidden Markov model. Bibliographic attribute extraction can be used in two ways. One is reference parsing in which attribute values are extracted from OCR-processed references for bibliographic matching. The other is reference alignment in which attribute values are aligned to the bibliographic record to enrich the vocabulary of the ...

- 2 Named entity extraction from noisy input: speech and OCR  
David Miller, Sean Boisen, Richard Schwartz, Rebecca Stone, Ralph Weischedel  
April 2000 **Proceedings of the sixth conference on Applied natural language processing**  
Publisher: Morgan Kaufmann Publishers Inc.

 Full text available: pdf(599.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)  
[Publisher Site](#)

In this paper, we analyze the performance of name finding in the context of a variety of automatic speech recognition (ASR) systems and in the context of one optical character recognition (OCR) system. We explore the effects of word error rate from ASR and OCR, performance as a function of the amount of training data, and for speech, the effect of out-of-vocabulary errors and the loss of punctuation and mixed case

- 3 The BBN Byblos Pashto OCR system  
 Michael Decerbo, Ehry MacRostie, Premkumar Natarajan  
November 2004 **Proceedings of the 1st ACM workshop on Hardcopy document processing HDP '04**  
Publisher: ACM Press

 Full text available: pdf(2.24 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The BBN Byblos OCR system implements a script-independent methodology for OCR using